

Fig. 1 (Prior Art)

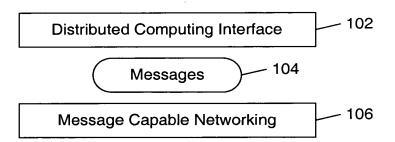


Fig. 2

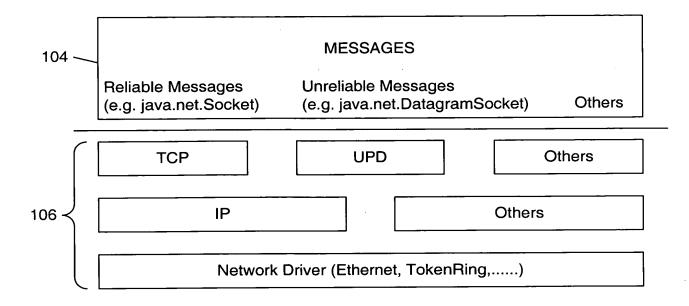


Fig. 3

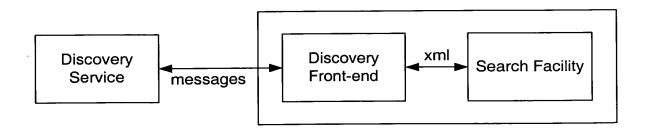


Fig. 4

)ynamic	Client Profile		
	Claim and Release (a lease) Find (an object) Write and Take (an object) Notify on Write				
		, , ,	Public Apis	(an object) on Write is ects	
	[Dynamic XML to / from Objects Send / Receive Byte Messages			
	Send / Receive Byte Messages]	
	[Connection Transport]	
		Static	Client Profile		
-	Static XML Message Definitions]	
	Send / Receive Byte Messages				

Fig. 5

Connection Transport

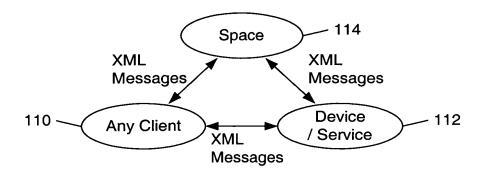


Fig. 6

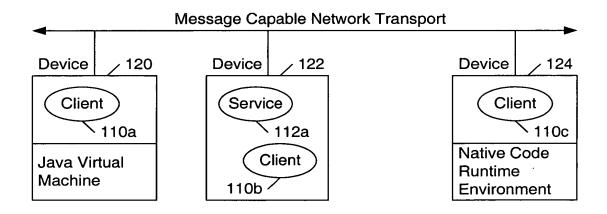


Fig. 7

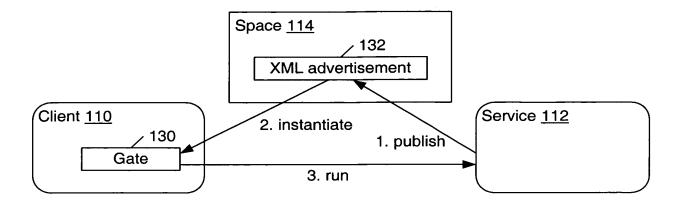


Fig. 8

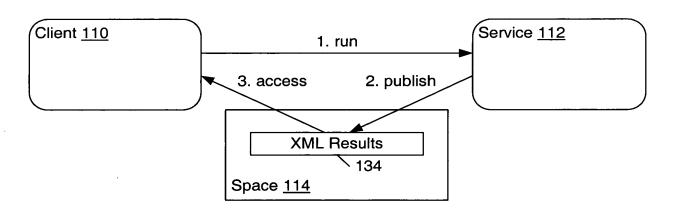


Fig. 9

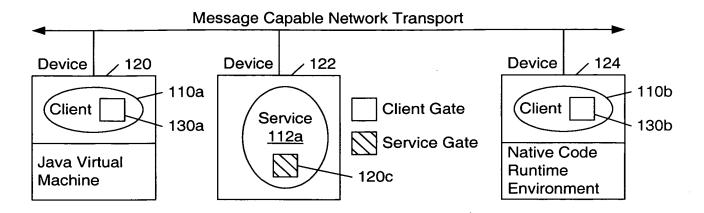


Fig. 10a

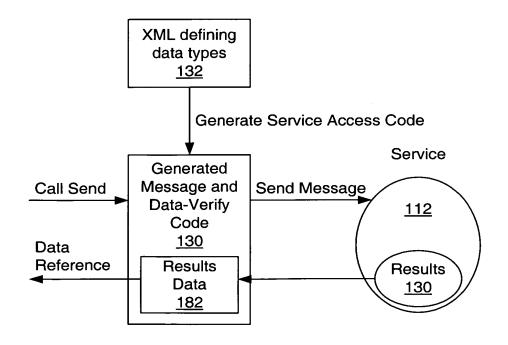


Fig. 10b

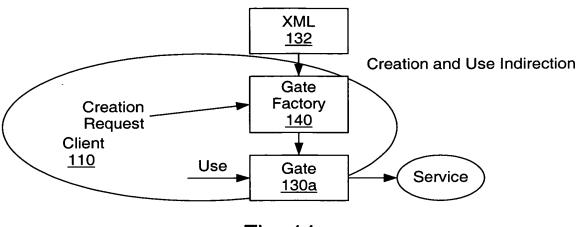


Fig. 11a

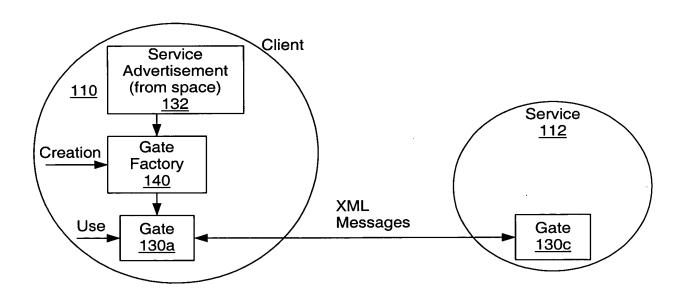


Fig. 11b

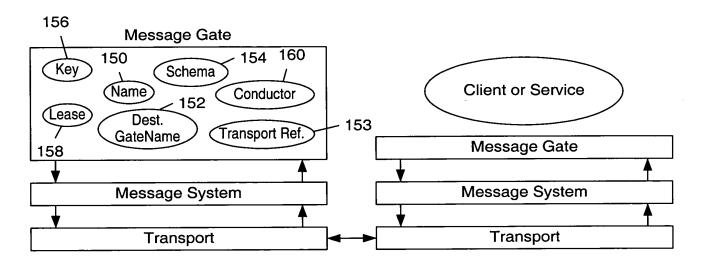


Fig. 12

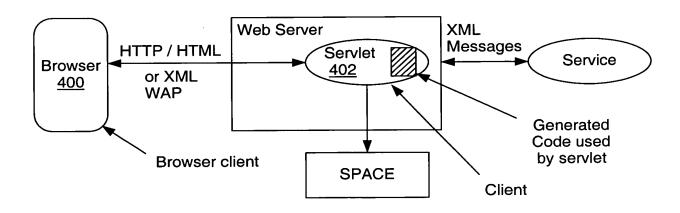


Fig. 13

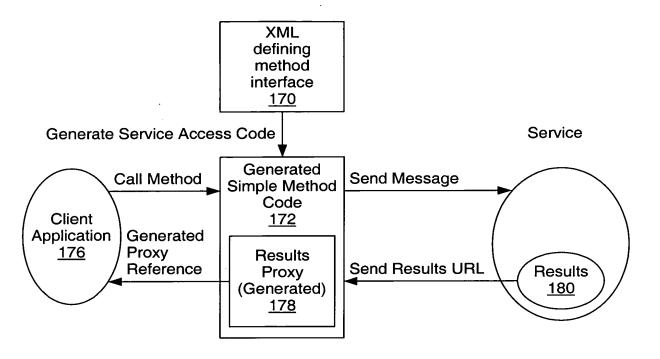


Fig. 14

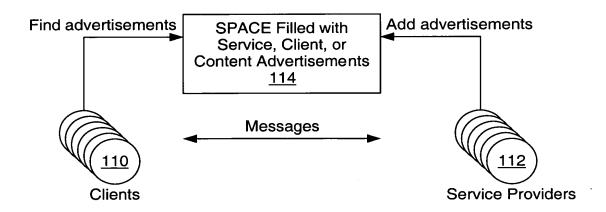


Fig. 15

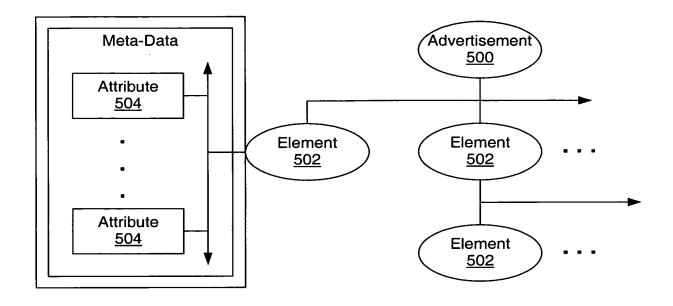


Fig. 16

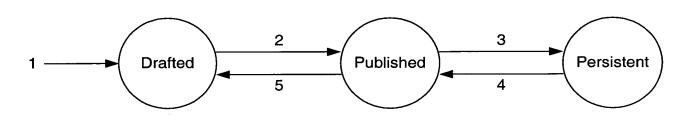


Fig. 17

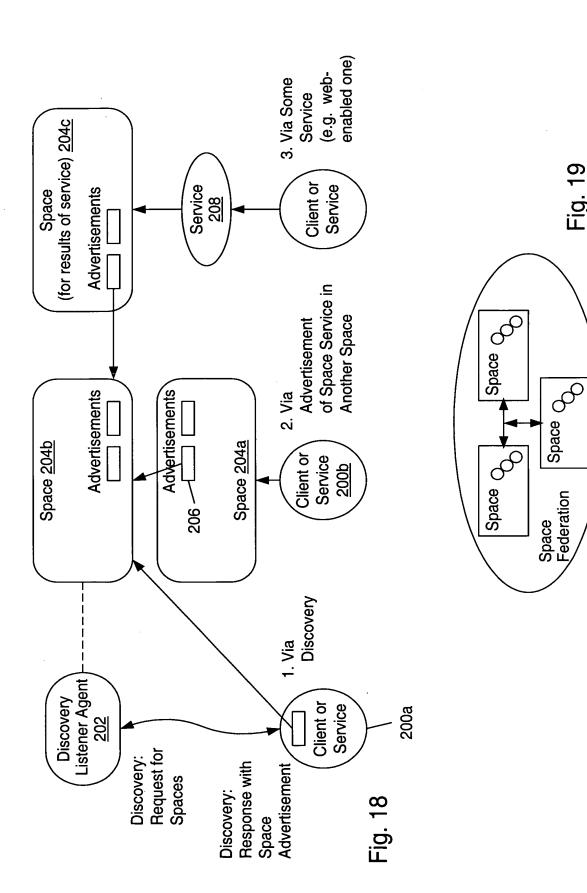


Fig. 19

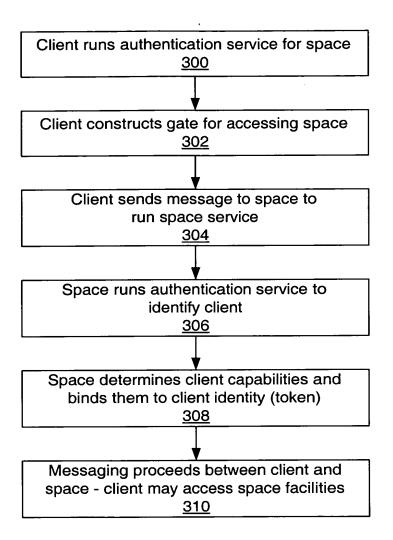


Fig. 20

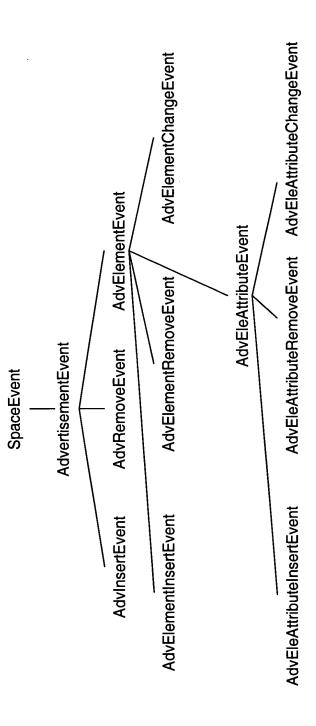
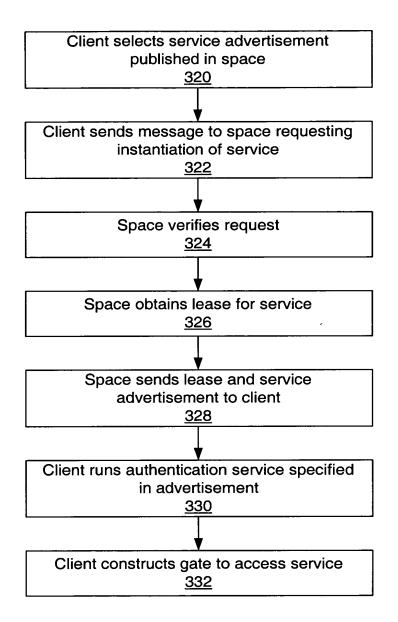


Fig. 21



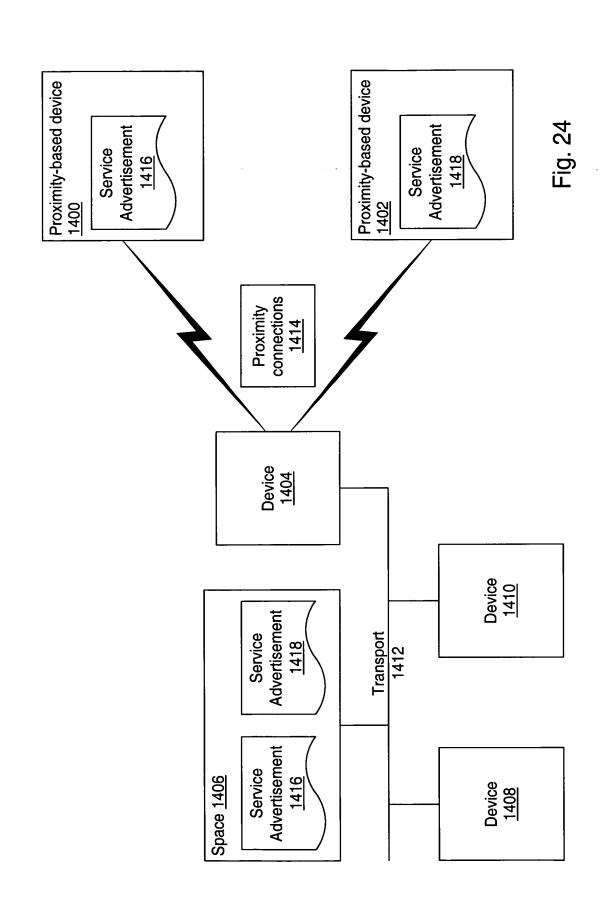
Client

Default Space advertising additional spaces 350

OtherSpace

Fig. 22

Fig. 23



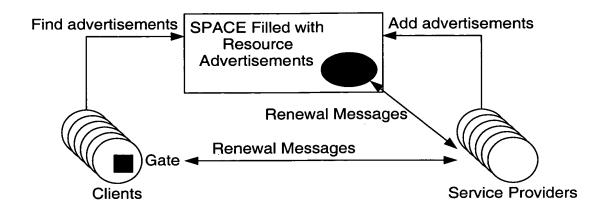


Fig. 25

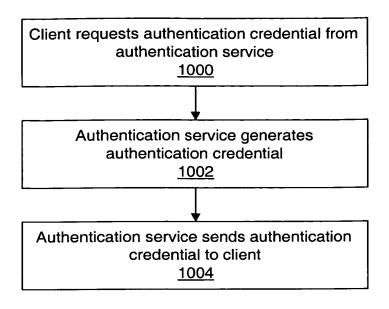


FIG. 26a

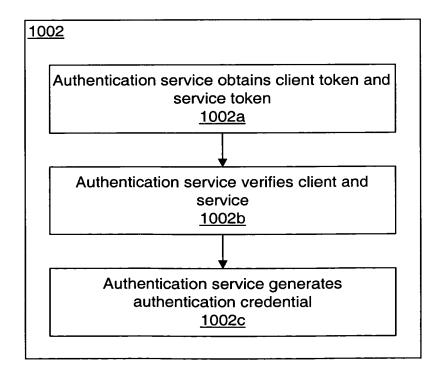
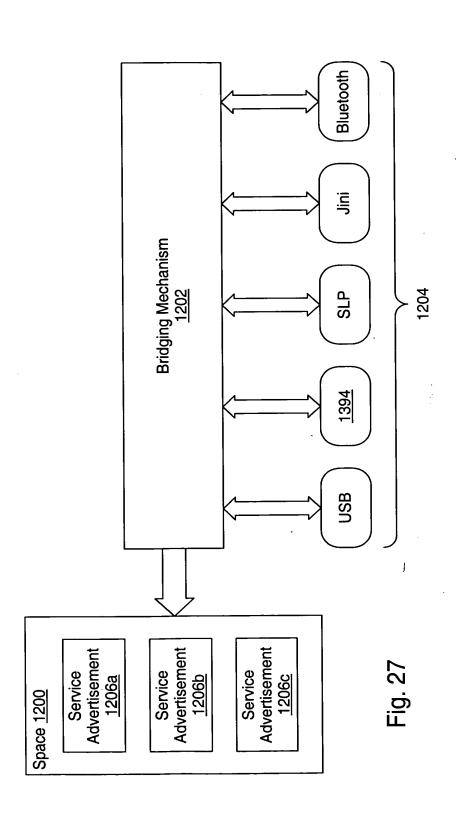
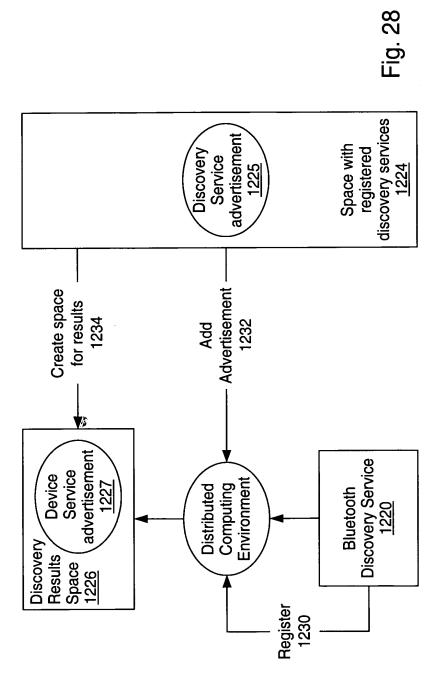
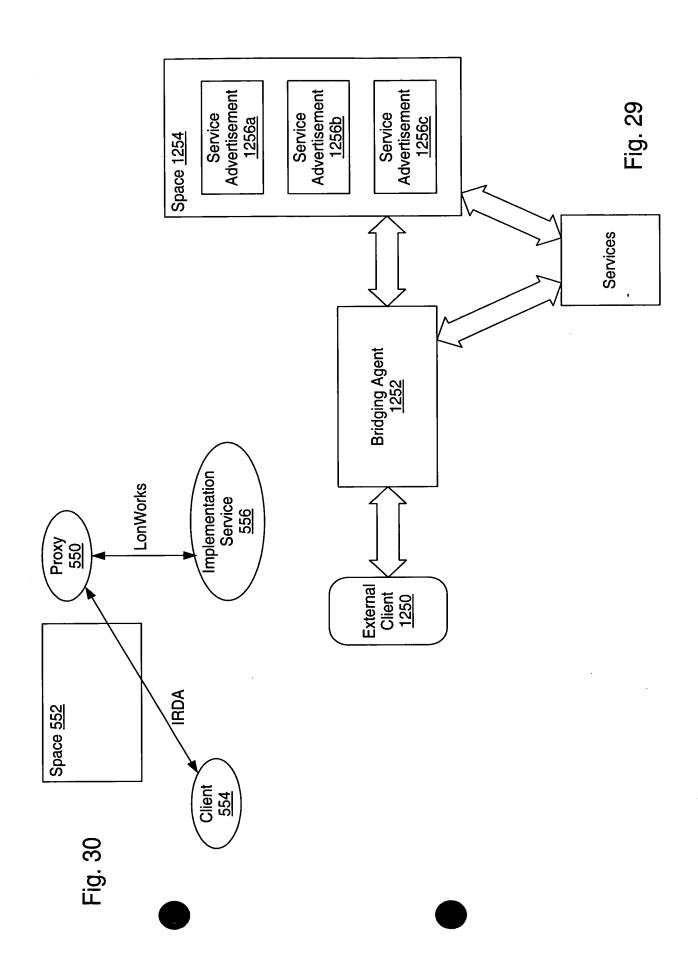
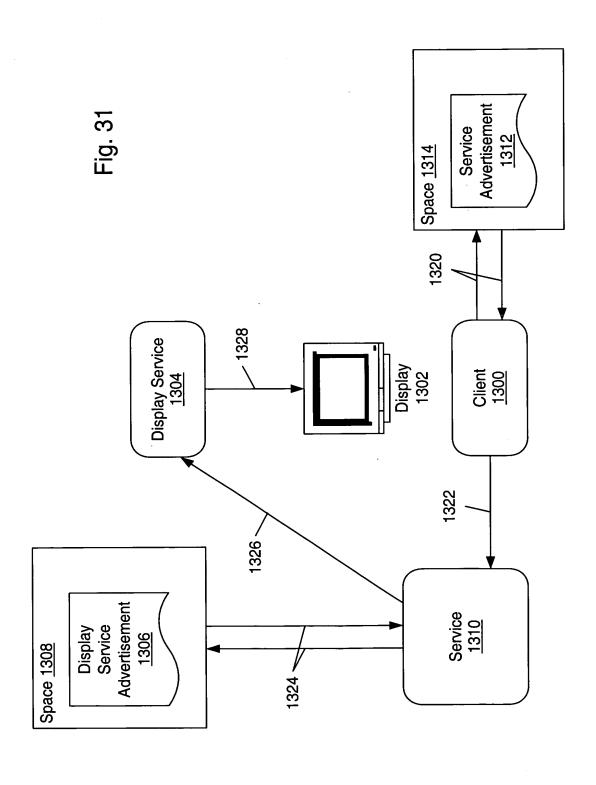


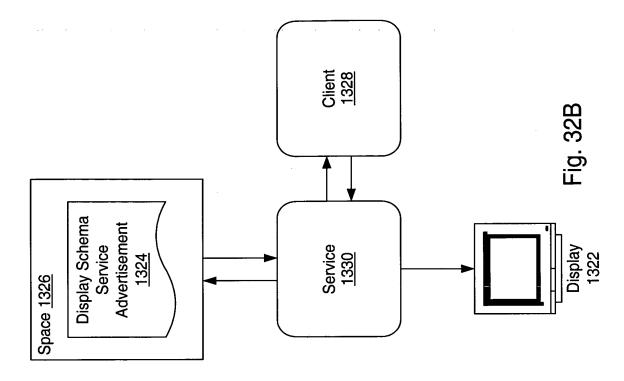
FIG. 26b

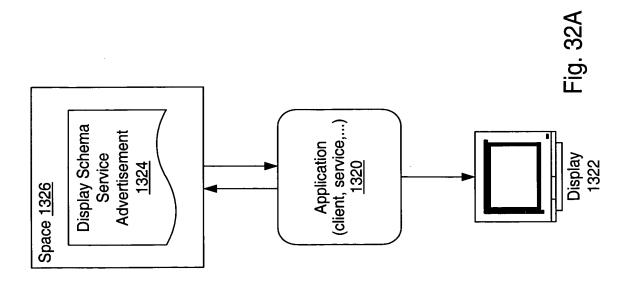


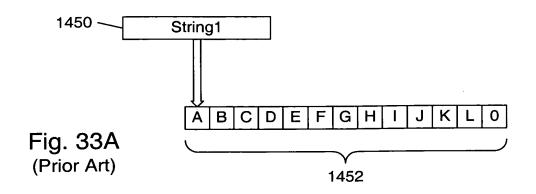


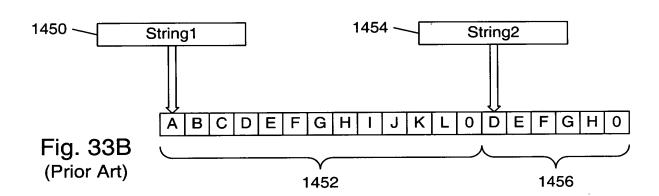


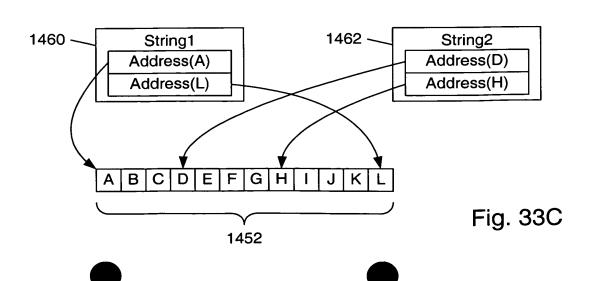












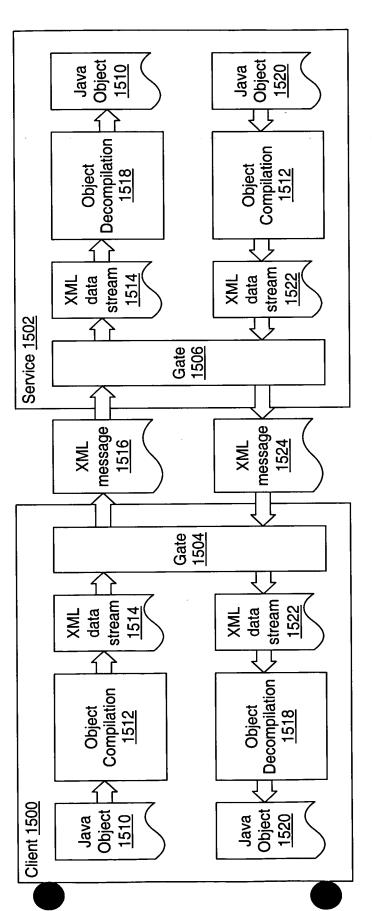
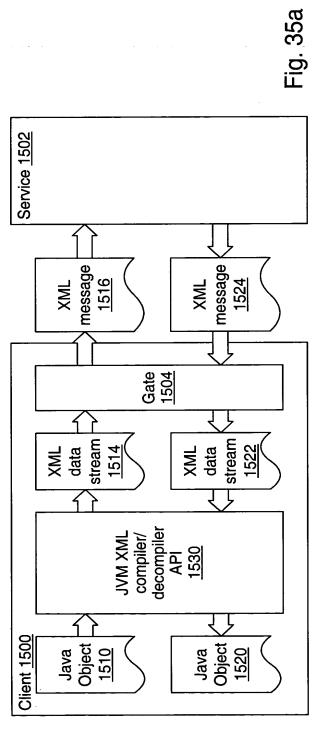
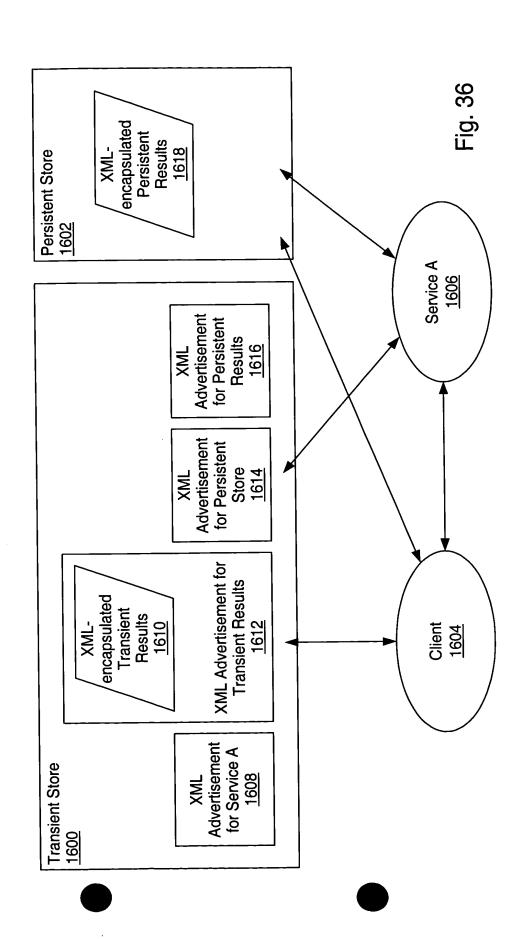


Fig. 34



Service 1502 message message 1516 XML XML 1524 h stream 1522 stream 1514 XML data data XML JVM XML compiler/ decompiler API 1530 Gate 1504 Client 1500 Java Object 1510 Java Object 1520



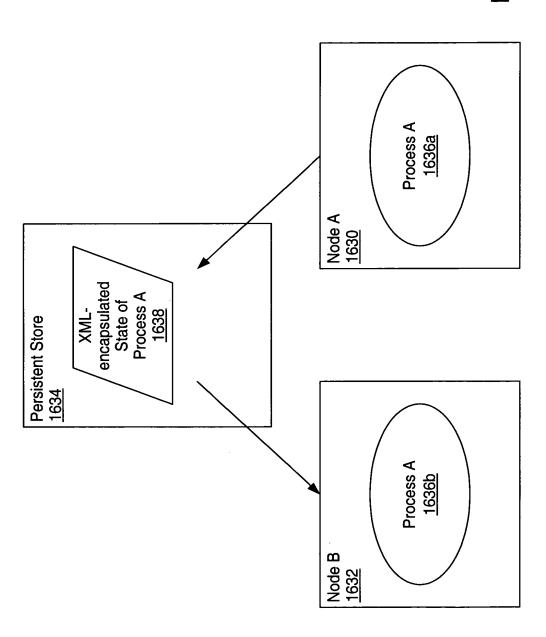


Fig. 37

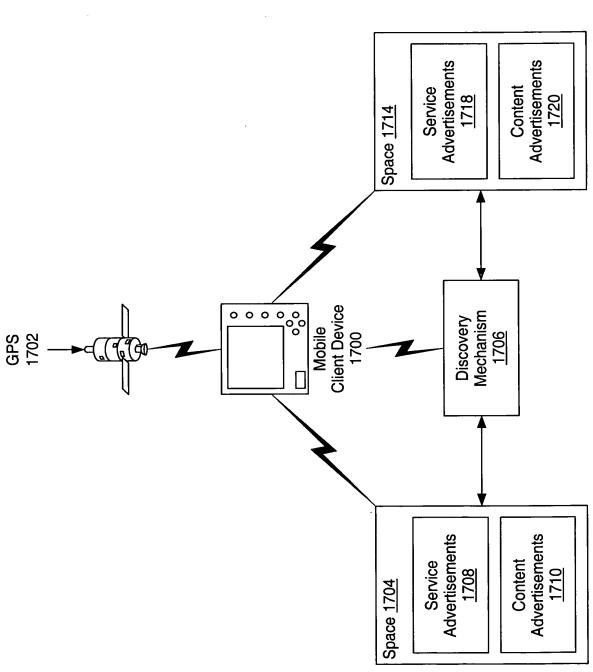
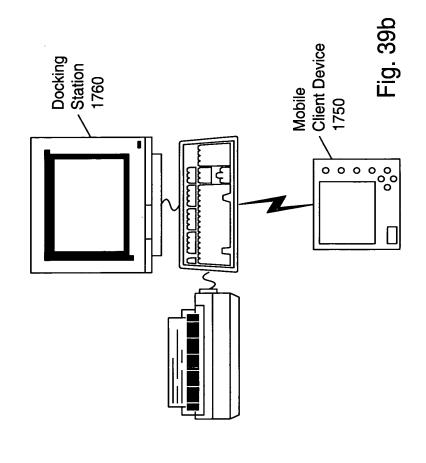


Fig. 38



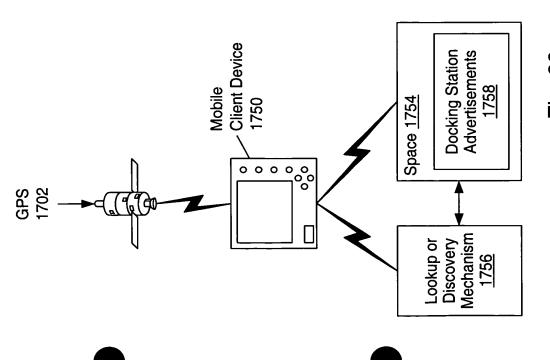
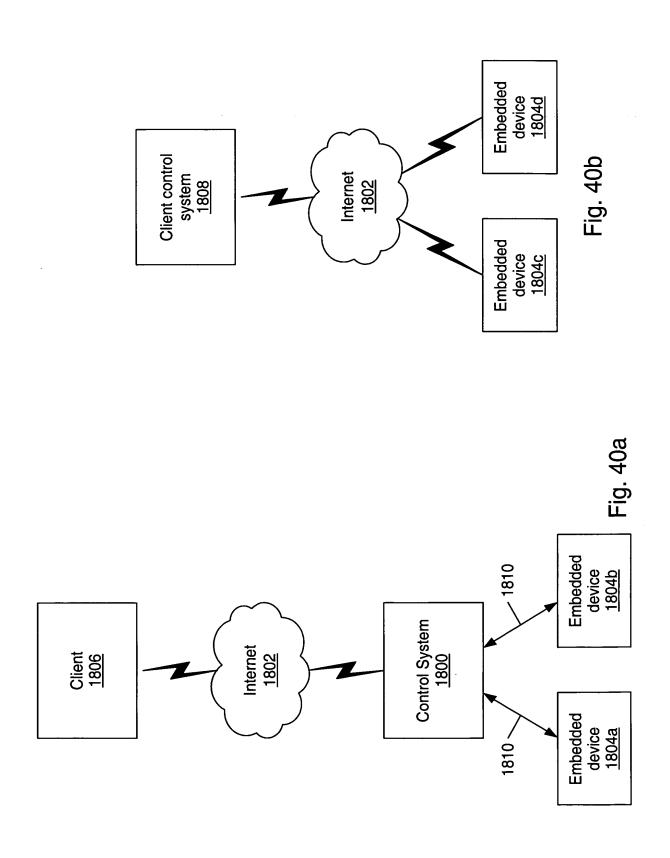


Fig. 39a



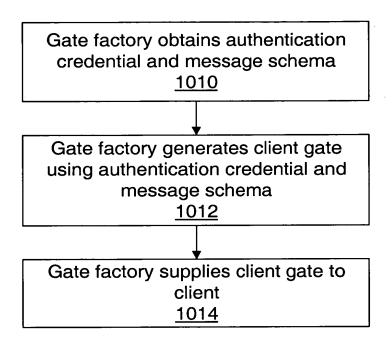


FIG. 41

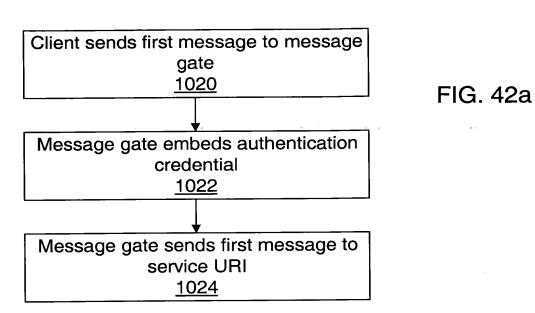
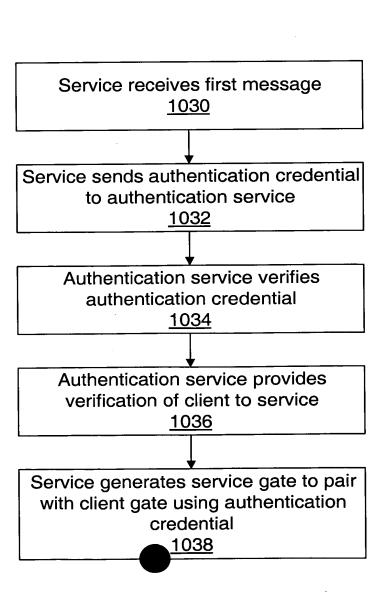


FIG. 42b



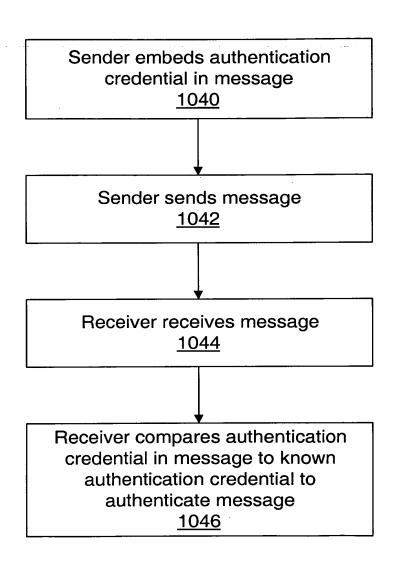


FIG. 42c

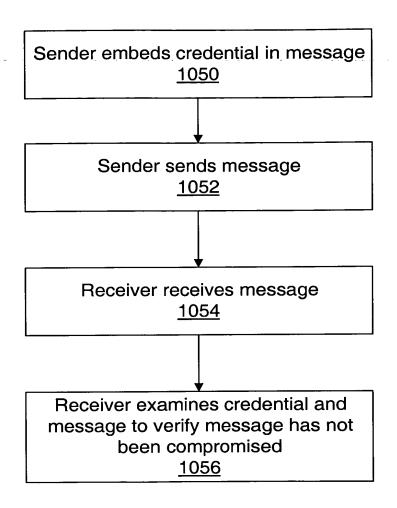


FIG. 43

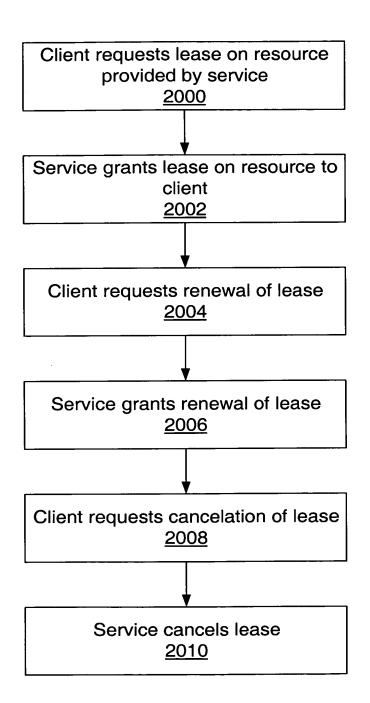


FIG. 44

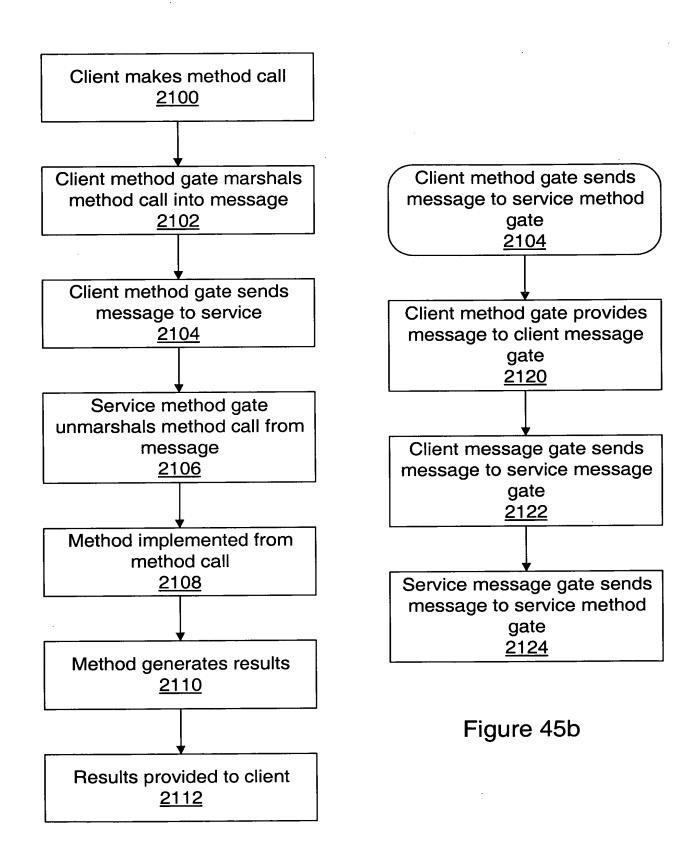


Figure 45a

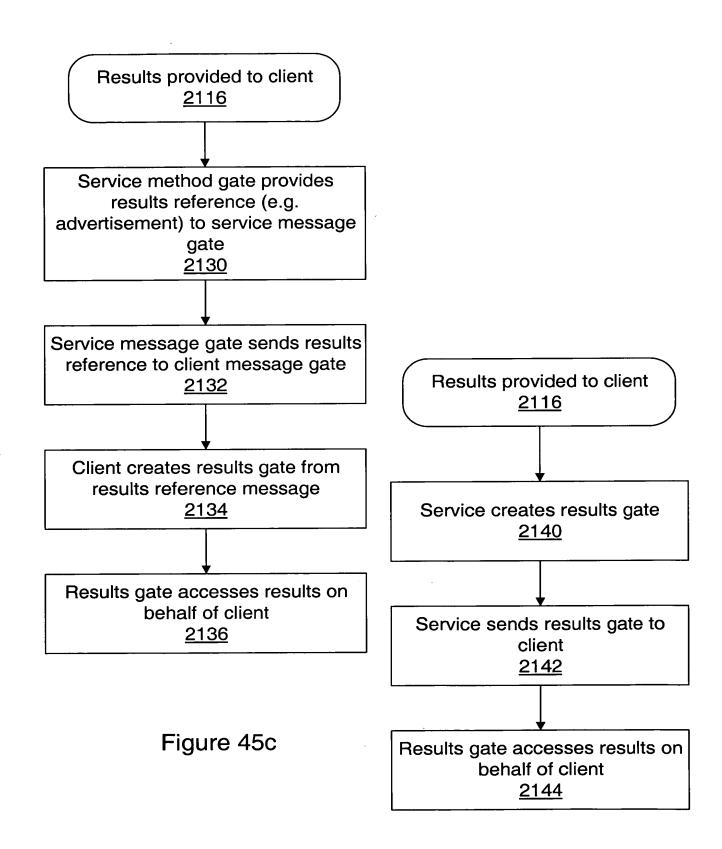


Figure 45d

Client requests object from service 2200 Service provides object to compilation process 2202 Compilation process generates data representation language representation of object 2204 Service sends data representation language representation of object to client in a message 2206 Client provides data representation language representaiton of object to decompilation process 2208 Decompilation process generates

copy of object from data representation language representation of object 2210

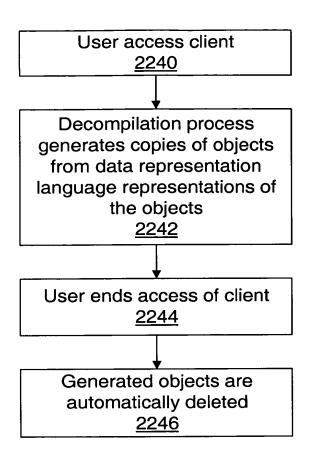


Figure 47

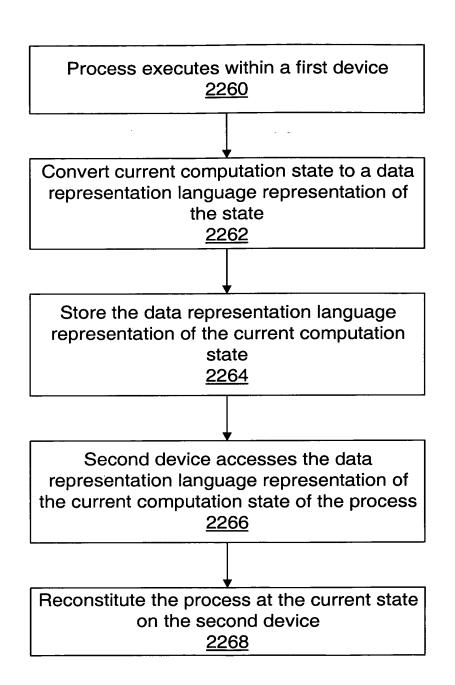


Figure 48